

< [002] This application is a National Stage completion of
< PCT/FR2003/001199 filed April 15, 2003, which in turn claims priority from
< French Patent Application Serial No. 02/04699 filed April 15, 2002.

[006] In the field of dentistry, it is often necessary to manufacture and install
 prostheses. These refer to bridges and, dental apparatuses of various types or
 similar. Prior to the manufacture of these prostheses, ~~an impression take of the~~
< ~~denture of the patient is essential~~ it is essential to take an impression of the
< denture of the patient. This impression makes it possible to subsequently
 manufacture a dental prosthesis with specific measurements in a laboratory.

[017] According to the first technique, we could take, for example, the device
< described in PCT disclosure [[n°]] No. WO 00/09032 published in the name of
 INTERNATIONAL DENTSPLY Inc. This is a malleable impression tray whose
 form is adaptable during a preliminary adjustment process. This preliminary
 process consists of heating the impression tray, which is made of a
 thermoformable material, stretching it and modelling it in a suitable way. This
 process then involves cooling the thermoformable material to obtain solidification
 in the desired configuration. This solidarisation is carried out before filling the
 impression tray of paste and carrying out the impression-take.

< [018] The European patent application [[n°]] No. EP 0074182 published in the name of WAGNER, mentioned a dental impression tray formed by heating deformable thermoplastic material sheet. The conformation of this sheet is carried out on a test model of the edge of the jaw of the patient, followed by cooling in a mainly rigid state.

[020] The second method of adaptation is illustrated, for example, by the
< French patent application [[n°]] No. FR 2551654 by DECROB LOUIS. This application describes an adjustable metal impression tray using a bolt or a central rivet. This bolt or rivet will allow for the articulation of the gutter of the impression tray, in two symmetrical parts, using the level of a clevis pin.

< [021] Another example is disclosed in the US patent [[n°]] No. 5340308 issued in the name of JOSEPH F CUKJATI. This patent describes an impression tray made up of several elements assembled in an adjustable way to the size of denture of the patient.